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OM protein - protein search, using sw model

Run on: January 7, 2002, 15:41:57 : Search time 90.83 seconds
(without alignments)
11.892 Million cell updates/sec

Title: US-08-569-749-9
Perfect score: 295
Sequence: 1 PQLASAGFYVGRNDVKC.....CMESGDDPWVEHAKFPFCE 48

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, AA:*
1: /cgn2_6/prodata/2/1aa/5A.COMB.pep.*
2: /cgn2_6/prodata/2/1aa/5B.COMB.pep.*
3: /cgn2_6/prodata/2/1aa/6A.COMB.pep.*
4: /cgn2_6/prodata/2/1aa/6B.COMB.pep.*
5: /cgn2_6/prodata/2/1aa/PCITUS.COMB.pep.*
6: /cgn2_6/prodata/2/1aa/Dackfilest.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Query Length	DB ID	Description
1	295	100.0	48	4 US-08-569-749-9	Sequence 9, Appl1
2	295	100.0	48	5 PCT-US96-12860-9	Sequence 9, Appl1
3	295	100.0	438	5 PCT-US95-05922A-2	Sequence 2, Appl1
4	295	100.0	618	4 US-08-569-749-2	Sequence 2, Appl1
5	295	100.0	618	5 PCT-US96-12860-2	Sequence 2, Appl1
6	283	95.9	66	2 US-08-511-485-27	Sequence 27, Appl1
7	283	95.9	618	2 US-08-511-485-8	Sequence 8, Appl1
8	283	95.9	618	3 US-09-212-971-8	Sequence 8, Appl1
9	283	95.9	618	4 US-08-600-929A-8	Sequence 8, Appl1
10	283	95.9	618	4 US-09-617-053A-8	Sequence 8, Appl1
11	282	95.6	48	4 US-08-569-749-10	Sequence 10, Appl1
12	282	95.6	48	5 PCT-US96-12860-10	Sequence 10, Appl1
13	282	95.6	66	2 US-08-511-485-26	Sequence 26, Appl1
14	282	95.6	604	3 US-08-511-485-6	Sequence 6, Appl1
15	282	95.6	604	3 US-09-212-971-6	Sequence 6, Appl1
16	282	95.6	604	4 US-08-800-929A-6	Sequence 6, Appl1
17	282	95.6	604	4 US-08-569-749-4	Sequence 4, Appl1
18	282	95.6	604	4 US-09-617-053A-6	Sequence 6, Appl1
19	282	95.6	604	5 PCT-US96-12860-4	Sequence 4, Appl1
20	282	95.6	612	3 US-09-212-971-14	Sequence 14, Appl1
21	282	95.6	612	4 US-08-800-929A-14	Sequence 14, Appl1
22	282	95.6	612	4 US-08-569-749-14	Sequence 14, Appl1
23	282	95.6	612	4 US-09-617-053A-14	Sequence 14, Appl1
24	282	95.6	612	5 PCT-US96-12860-14	Sequence 14, Appl1
25	268	90.8	600	3 US-09-212-971-12	Sequence 12, Appl1
26	268	90.8	600	4 US-08-800-929A-12	Sequence 12, Appl1
27	268	90.8	600	4 US-09-617-053A-12	Sequence 12, Appl1

28	231	78.3	50	4 US-08-975-080-31	Sequence 31, Appl1
29	230	78.0	50	4 US-08-975-080-22	Sequence 22, Appl1
30	230	78.0	50	4 US-08-975-080-30	Sequence 30, Appl1
31	198	67.1	68	2 US-08-511-485-28	Sequence 28, Appl1
32	198	67.1	268	3 US-08-836-134-22	Sequence 22, Appl1
33	187	63.4	50	4 US-08-975-080-21	Sequence 21, Appl1
34	182	61.7	68	2 US-08-511-485-29	Sequence 29, Appl1
35	182	61.7	275	3 US-08-836-134-21	Sequence 21, Appl1
36	182	61.7	275	3 US-08-836-134-23	Sequence 23, Appl1
37	178	60.3	1151	3 US-08-836-134-2	Sequence 2, Appl1
38	178	60.3	1232	3 US-08-836-134-25	Sequence 25, Appl1
39	174	59.0	66	2 US-08-511-485-25	Sequence 25, Appl1
40	174	59.0	497	2 US-08-511-485-4	Sequence 4, Appl1
41	174	59.0	497	3 US-09-212-971-4	Sequence 4, Appl1
42	174	59.0	497	4 US-08-800-929A-4	Sequence 4, Appl1
43	174	59.0	497	4 US-08-617-053A-4	Sequence 4, Appl1
44	171	58.0	236	4 US-09-121-979-4	Sequence 4, Appl1
45	171	58.0	236	4 US-09-332-319-4	Sequence 4, Appl1

ALIGNMENTS

RESULT 1
US-08-569-749-9
; Sequence 9, Application US/08569749
; Patent No. 6187557
; GENERAL INFORMATION:
; APPLICANT: Rothe, Mike
; TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLIER, HOMBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,749
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Brezner, David J.
; REGISTRATION NUMBER: 24,774
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)781-1989
; TELEFAX: (415)368-3249
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 48 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-569-749-9

Query Match 100.0% Score 295; DB 4; Length 48;
Best local similarity 100.0% Pred. No. 3e-30;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 PQLASAGFYVGRNDVKCFCCDGLRCWESGDDPWVEHAKFPFCE 48
DB 1 PQLASAGFYVGRNDVKCFCCDGLRCWESGDDPWVEHAKFPFCE 48

RESULT 2
PCT-US96-12860-9
Sequence 9, Application PC/TUS9505922A
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)398-3249
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-9

Query Match 100.0%; Score 295; DB 5; Length 48;
Best Local Similarity 100.0%; Pred. No. 3e-30;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEQLASAGFYVGRNDVVKFCDCDGLRCWESGDDPWVHAHAKFPFCE 48
DB 1 PEQLASAGFYVGRNDVVKFCDCDGLRCWESGDDPWVHAHAKFPFCE 48

RESULT 3
PCT-US95-05922A-2
Sequence 2, Application PC/TUS9505922A
GENERAL INFORMATION:
APPLICANT: HE, ET AL.
TITLE OF INVENTION: Human Inhibitor of Apoptosis Gene 1
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BATIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05922A
FILING DATE: 11 MAY 1995
CLASSIFICATION:
PRIOR APPLICATION NUMBER:
APPLICATION DATA:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: FERRARO, GREGORY D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-292
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 438 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
PCT-US95-05922A-2

Query Match 100.0%; Score 295; DB 5; Length 438;
Best Local Similarity 100.0%; Pred. No. 3.3e-79;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEQLASAGFYVGRNDVVKFCDCDGLRCWESGDDPWVHAHAKFPFCE 48
DB 107 PEQLASAGFYVGRNDVVKFCDCDGLRCWESGDDPWVHAHAKFPFCE 154

RESULT 4
US-08-569-749-2
Sequence 2, Application US/08569749
Patent No. 6187537
GENERAL INFORMATION:
APPLICANT: Rothe, Mike
APPLICANT: Goeddel, David V
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,749
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-749-2

Tue Jan 8 08:23:56 2002

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Page 3

Query Match 100.0%; Score 295; DB 4; Length 618;
Best Local Similarity 100.0%; Pred. No. 4.8e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEOIASAGFYVGRNDVKFCGCGGLRCWESGDDPWVHAKMPRCE 48
DB 287 PEOIASAGFYVGRNDVKFCGCGGLRCWESGDDPWVHAKMPRCE 334

RESULT 5
PCT-US96-12860-2
Sequence 2, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHRBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-2

Query Match 100.0%; Score 295; DB 5; Length 618;
Best Local Similarity 100.0%; Pred. No. 4.8e-29;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 PEOIASAGFYVGRNDVKFCGCGGLRCWESGDDPWVHAKMPRCE 48
DB 287 PEOIASAGFYVGRNDVKFCGCGGLRCWESGDDPWVHAKMPRCE 334

RESULT 6
US-08-511-485-27
Sequence 27, Application US/08511485
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Baird, Stephen
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
PROBES, AND DETECTION METHODS

NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 68 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-27

Query Match 95.98; Score 283; DB 2; Length 68;
Best Local Similarity 97.98; Pred. No. 1.4e-28;
Matches 47; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 PEOIASAGFYVGRNDVKFCGCGGLRCWESGDDPWVHAKMPRCE 48
DB 19 PEOIASAGFYVGRNDVKFCGCGGLRCWESGDDPWVHAKMPRCE 66

RESULT 7
US-08-511-485-8
Sequence 8, Application US/08511485
GENERAL INFORMATION:
PATENT NO. 5919912
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
PROBES, AND DETECTION METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-8

Query Match 95.9%; Score 283; DB 2; Length 618;
Best Local Similarity 97.9%; Pred. No. 1.5e-27;
Matches 47; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 PEQLASAGFYVGRNDVACFCDCDGLRCWESGDDPVEVHAKEWPFRC 48
|||||
DB 287 PEQLASAGFYVGRNDVACFCDCDGLRCWESGDDPVEVHAKEWPFRC 334

RESULT 8
US-09-212-971-8
Sequence 8, Application US/09212971B
Patent No. 6107041
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G
APPLICANT: Mackenzie, Alexander E
APPLICANT: Baird, Peter
APPLICANT: Tsang, Stephen
APPLICANT: Pratt, Benjamin K
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
DISEASE
FILE REFERENCE: 07891/009802
CURRENT APPLICATION NUMBER: US/09/212,971B
EARLIER FILING DATE: 1998-12-16
EARLIER APPLICATION NUMBER: 60/017,354
EARLIER FILING DATE: 1996-04-26
EARLIER APPLICATION NUMBER: 60/030,590
EARLIER FILING DATE: 1996-11-14
EARLIER APPLICATION NUMBER: 08/800,929
EARLIER FILING DATE: 1997-02-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 618
TYPE: PRT
ORGANISM: Homo sapiens
US-09-212-971-8

Query Match 95.9%; Score 283; DB 3; Length 618;
Best Local Similarity 97.9%; Pred. No. 1.5e-27;
Matches 47; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 PEQLASAGFYVGRNDVACFCDCDGLRCWESGDDPVEVHAKEWPFRC 48
|||||
DB 287 PEQLASAGFYVGRNDVACFCDCDGLRCWESGDDPVEVHAKEWPFRC 334

RESULT 9
US-08-800-929A-8
Sequence 8, Application US/08800929A
Patent No. 6133437
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G
APPLICANT: Mackenzie, Alexander E

APPLICANT: Liston, Peter
APPLICANT: Baird, Stephen
APPLICANT: Tsang, Benjamin K
APPLICANT: Pratt, Christine
TITLE OF INVENTION: DETECTION AND MODULATION OF
TITLE OF INVENTION: IAPS AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERAT
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Ebling LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,929A
FILING DATE: 13-FEB-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,590
FILING DATE: 14-NOV-1996
APPLICATION NUMBER: 60/017,354
FILING DATE: 26-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bicker-brady, Kristina
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: 07891/009801
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-800-929A-8

Query Match 95.9%; Score 283; DB 4; Length 618;
Best Local Similarity 97.9%; Pred. No. 1.5e-27;
Matches 47; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 PEQLASAGFYVGRNDVACFCDCDGLRCWESGDDPVEVHAKEWPFRC 48
|||||
DB 287 PEQLASAGFYVGRNDVACFCDCDGLRCWESGDDPVEVHAKEWPFRC 334

RESULT 10
US-09-617-053A-8
Sequence 8, Application US/09617053A
Patent No. 6300492
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G
APPLICANT: Mackenzie, Alexander E
APPLICANT: Baird, Peter
APPLICANT: Tsang, Stephen
APPLICANT: Pratt, Benjamin K
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
DISEASE
FILE REFERENCE: 07891/009803
CURRENT APPLICATION NUMBER: US/09/617,053A
CURRENT FILING DATE: 2000-07-14

PRIOR APPLICATION NUMBER: US 08/800,929
PRIOR FILING DATE: 1997-02-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 8
LENGTH: 618
TYPE: PRT
ORGANISM: Homo sapiens
US-09-617-053A-8

Query Match 95.9%; Score 283; DB 4; Length 618;
Best Local Similarity 97.9%; Pred. No. 1.5e-27;
Matches 47; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 PQLASAGFYVGRNDVCKFCDCDGLRCWESGDDPWVHAHAKWPRCE 48
|||||
DB 287 PQLASAGFYVGRNDVCKFCDCDGLRCWESGDDPWVHAHAKWPRCE 334

RESULT 11

US-08-569-749-10
Sequence 10, Application US/08569749
Patent No. 6187557
GENERAL INFORMATION:
APPLICANT: Rothe, Mike
APPLICANT: Goodell, David V
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,749
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brenner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-749-10

Query Match 95.6%; Score 282; DB 4; Length 48;
Best Local Similarity 93.8%; Pred. No. 1.2e-28;
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PQLASAGFYVGRNDVCKFCDCDGLRCWESGDDPWVHAHAKWPRCE 48
|||||
DB 1 PQLASAGFYVGRNDVCKFCDCDGLRCWESGDDPWVHAHAKWPRCE 48

RESULT 12
PCT-US96-12860-10

Sequence 10, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brenner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-10

Query Match 95.6%; Score 282; DB 5; Length 48;
Best Local Similarity 93.8%; Pred. No. 1.2e-28;
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1 PQLASAGFYVGRNDVCKFCDCDGLRCWESGDDPWVHAHAKWPRCE 48
|||||
DB 1 PQLASAGFYVGRNDVCKFCDCDGLRCWESGDDPWVHAHAKWPRCE 48

RESULT 13

US-08-511-485-26
Sequence 26, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Bailly, Stephen
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
TITLE OF INVENTION: PROBES, AND DETECTION METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511.485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 68 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-26

Query Match 95.6%; Score 282; DB 2; Length 68;
Best Local Similarity 93.8%; Pred. No. 1.8e-28;
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PEOLASAGFYVGRNDVKCFCCDGLRCWESGDDPWVETAKWPRCE 48
DB 19 PEOLASAGFYVGRNSDDVKCFCCDGLRCWESGDDPWVQHAKEPRCE 66

RESULT 14
US-08-511-485-6
Sequence 6, Application US/08511485
Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF SEQUENCES: 38
TITLE OF INVENTION: PROBES, AND DETECTION METHODS
CORRESPONDENCE ADDRESS:
ADDRESS: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511.485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein

US-08-511-485-6

Query Match 95.6%; Score 282; DB 2; Length 604;
Best Local Similarity 93.8%; Pred. No. 1.9e-27;
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PEOLASAGFYVGRNDVKCFCCDGLRCWESGDDPWVETAKWPRCE 48
DB 273 PEOLASAGFYVGRNSDDVKCFCCDGLRCWESGDDPWVQHAKEPRCE 320

RESULT 15
US-09-212-971-6
Sequence 6, Application US/09212971B
Patent No. 6107041
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Liston, Peter
APPLICANT: Tsang, Benjamin K.
APPLICANT: Pratt, Christine
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPs AND
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 07891/009002
CURRENT APPLICATION NUMBER: US/09/212,971B
CURRENT FILING DATE: 1998-12-16
EARLIER APPLICATION NUMBER: 60/017,354
EARLIER FILING DATE: 1996-04-26
EARLIER APPLICATION NUMBER: 60/030,590
EARLIER FILING DATE: 1996-11-14
EARLIER APPLICATION NUMBER: 08/800,929
EARLIER FILING DATE: 1997-02-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 604
TYPE: PRT
ORGANISM: Homo sapiens
US-09-212-971-6

Query Match 95.6%; Score 282; DB 3; Length 604;
Best Local Similarity 93.8%; Pred. No. 1.9e-27;
Matches 45; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PEOLASAGFYVGRNDVKCFCCDGLRCWESGDDPWVETAKWPRCE 48
DB 273 PEOLASAGFYVGRNSDDVKCFCCDGLRCWESGDDPWVQHAKEPRCE 320

Search completed: January 7, 2002, 15:41:57
Job time: 276 sec
